scientific reports



Published online: 18 November 2020

OPEN Author Correction: Evaluation of uttroside B, a saponin from Solanum nigrum Linn, as a promising chemotherapeutic agent against hepatocellular carcinoma

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Correction to: Scientific Reports https://doi.org/10.1038/srep36318, published online 03 November 2016

This Article contains errors.

In Figure 2A, the NMR spectrum of uttroside A is provided instead of uttroside B. The correct Figure 2A appears below as Figure 1.

Consequently, in the Results section,

"The key information pertaining to steroidal furanose ring include H-21 methyl group at δH 0.99 ppm (3H, d, J=7 Hz), and hemiketal carbon C-22 at δC 112.5 ppm. Owing to complex pattern of signals arising due to sugars in the region between 3 to 4 ppm, the isolated saponin was peracetylated (Fig. 2A)."

should read:

"The key information pertaining to steroidal furanose ring include H-21 methyl group at δ H 1.00 ppm (3H, d, J=7 Hz), and hemiketal carbon C-22 at δC 110.5 ppm. Owing to complex pattern of signals arising due to sugars in the region between 3 to 4 ppm (Fig. 2A), the isolated saponin was peracetylated."

"MS-MS analysis in negative mode afforded ions at m/z 1081.5 (M-xyl-H), 919.5 (M-hex-H), 757.4 (M-hex-hex-H), and in positive mode afforded ions at m/z 1235.5 (M-H₂O + K), 1197.5 (M-H₂O), 1073.4 (M- H₂O-hexose + K), 741.4 (M- H₂O-hex-hex-xyl+H), 579.3 (M- H₂O-hex-hex-xyl-hex+H), 417.3 (M-H₂O-hex-hex-xyl-hex-hex+H), 163.06 (M-hex-hex-xyl-hex-furostanol + H), which further confirmed that the isolated saponin is uttroside B with a molecular weight of 1215.34 Da (Supplementary Figures S2, S3 and S4)."

should read:

"MS-MS analysis in negative mode afforded ions at m/z 1081.5 (M-xyl-H), 919.5 (M-xyl-hex-H), 757.4 (M-xyl-hex-hex-H), and in positive mode afforded ions at m/z 1235.5 (M- H₂O + K), 1197.5 (M- H₂O +H), 1073.4 (M- H₂O-hex + K), 741.4 (M- H₂O-hex-hex-xyl+H), 579.3 (M- H₂O-hex-hex-xyl-hex+H), 417.3 (M-H₂O-hex-hex-ryl-hex-hex+H), 163.06 (M-hex-hex-ryl-hex-furostanol), which further confirmed that the isolated saponin is uttroside B with a molecular weight of 1215.34 Da (Supplementary Figures S2, S3 and S4)."

Finally, in Figure 3D, the 100 nM image is a duplication of the 300 nM image. The correct Figure 3D appears below as Figure 2.

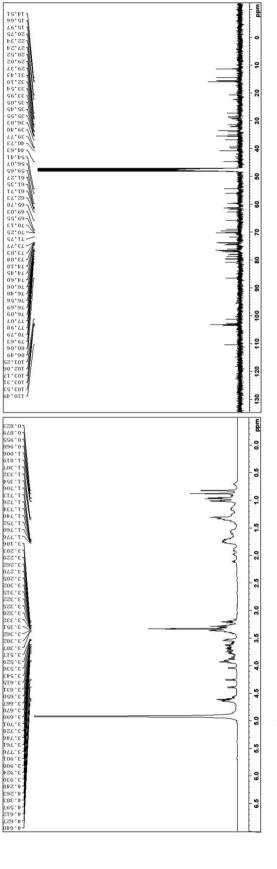


Figure 1. The correct version of Figure 2A.

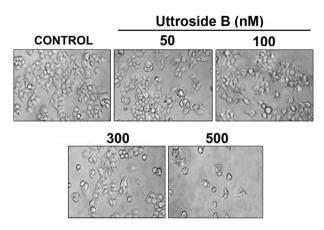


Figure 2. The correct version of Figure 3D.

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